

**INFORMATION DISCLOSURE STATEMENT**

|           |   |                                     |
|-----------|---|-------------------------------------|
| Applicant | : | Groves et al.                       |
| App. No   | : | 10/581,371                          |
| Filed     | : | June 2, 2006                        |
| For       | : | DETECTION OF MOLECULAR INTERACTIONS |
| Examiner  | : | Unassigned                          |
| Art Unit  | : | 1648                                |

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing 18 references to be considered by the Examiner. Also enclosed are 18 foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required. If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: December 20, 2006

By: 

Neil S. Bartfeld, Ph.D.

Registration No. 39,901

Agent of Record

Customer No. 20,995

(619) 235-8550

|  |                      |                |
|--|----------------------|----------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> | Application No.      | 10/581,371     |
|  | Filing Date          | June 2, 2006   |
|  | First Named Inventor | John T. Groves |
|  | Art Unit             | 1648           |
| (Multiple sheets used when necessary)                    | Examiner             | Unassigned     |
| SHEET 1 OF 2   | Attorney Docket No.  | LBNL.001NP     |

## U.S. PATENT DOCUMENTS

| Examiner<br>Initials | Cite<br>No. | Document Number<br>Number - Kind Code (if known)<br>Example: 1,234,567 B1 | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant | Pages, Columns, Lines Where<br>Relevant Passages or Relevant<br>Figures Appear |
|----------------------|-------------|---|--------------------------------|-------------------------------|--|
|----------------------|-------------|---|--------------------------------|-------------------------------|--|

## FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials | Cite<br>No. | Foreign Patent Document<br>Country Code-Number-Kind Code<br>Example: JP 1234567 A1 | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant | Pages, Columns, Lines<br>Where Relevant Passages or<br>Relevant Figures Appear | T <sup>1</sup> |
|----------------------|-------------|--|-----------------------------------|----------------------------------|--|----------------|
|----------------------|-------------|--|-----------------------------------|----------------------------------|--|----------------|

## NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>1</sup> |
|----------------------|-------------|---|----------------|
|                      | 1           | Anderson et al. <i>Nature</i> . 416:811-816 (2002).   |                |
|                      | 2           | Bayerl et al. <i>Biophys. J.</i> 58:357-362 (1990).   |                |
|                      | 3           | Buranda et al. <i>Langmuir</i> . 19:1654-1663 (2003).   |                |
|                      | 4           | Discher et al. <i>Science</i> . 297:967-973 (2002).   |                |
|                      | 5           | Fang et al. <i>J. Am. Chem. Soc.</i> 124(11):2394-2395 (2002).  |                |
|                      | 6           | Grakoui et al. <i>Science</i> . 285: 221-227 (1999).  |                |
|                      | 7           | Groves et al. <i>Biophys. J.</i> 71:2716-2723 (1996).   |                |
|                      | 8           | Groves, J. T. <i>Curr. Op. Drug Disc. &amp; Dev.</i> 5:606-612 (2002).  |                |
|                      | 9           | Hoffman et al. <i>Proc. Natl. Acad. Sci. USA</i> . 97:11215-11220 (2000).   |                |
|                      | 10          | Kunneke et al. <i>Angew. Chem. Int. Ed.</i> 41(2):314-316 (2002).   |                |
|                      | 11          | Mbamala et al. <i>Physical Review</i> . 67:031608-01-10 (2003).   |                |
|                      | 12          | Sackmann, E. <i>Science</i> . 271:43-48 (1996).   |                |
|                      | 13          | Salafsky et al. <i>Biochemistry</i> . 35:14773-14781 (1996).  |                |
|                      | 14          | Tanaka et al. <i>J. Am. Chem. Soc.</i> 126:3257-3260 (2004).  |                |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

|  |                      |                |
|--|----------------------|----------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> | Application No.      | 10/581,371     |
|  | Filing Date          | June 2, 2006   |
|  | First Named Inventor | John T. Groves |
|  | Art Unit             | 1648           |
| (Multiple sheets used when necessary)                    | Examiner             | Unassigned     |
| SHEET 2 OF 2   | Attorney Docket No.  | LBNL.001NP     |

### NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>1</sup> |
|----------------------|-------------|---|----------------|
|                      | 15          | Tang et al. <i>Nucleic Acids Research</i> . Supp. 1:165-166 (2001).   |                |
|                      | 16          | Wong and Groves. <i>Proc. Natl. Acad. Sci. USA</i> . 99:14147 (2002).   |                |
|                      | 17          | Yang et al. <i>Analytical Chemistry</i> . 73(2):165-169 (2001).   |                |
|                      | 18          | Yethira et al. <i>Nature</i> . 421:513-517 (2003).  |                |

3220537\cey  
121506

|   |                 |
|---|-----------------|
| Examiner Signature  | Date Considered |
| <p><b>*Examiner:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> |                 |

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.